

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|---|------------------|---------|------------------|
| S1 | 9 | "6423385" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 15:21 |
| S2 | 12055 | dielectric near anisotropy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 15:22 |
| S3 | 537169 | liquid-crystal\$6 or (liquid near crystal\$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 15:23 |
| S4 | 11164 | S2 same S3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 15:23 |
| S5 | 129207 | response near time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 15:23 |
| S6 | 2091 | S4 and S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 15:23 |
| S7 | 1818373 | electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 15:23 |
| S8 | 1706 | S6 and S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 16:06 |
| S9 | 230451 | brightness | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 15:24 |

EAST Search History

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|-----|---------|---|---|----|----|------------------|
| S10 | 1346 | S9 same S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 15:24 |
| S11 | 133 | S10 and S8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 15:24 |
| S12 | 12055 | dielectric near anisotropy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:15 |
| S13 | 537169 | liquid-crystal\$6 or (liquid near crystal\$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 16:06 |
| S14 | 11164 | S12 same S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 16:06 |
| S15 | 129207 | response near time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 16:06 |
| S16 | 2091 | S14 and S15 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 16:06 |
| S17 | 1818373 | electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 16:06 |
| S18 | 1706 | S16 and S17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 16:06 |

EAST Search History

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|-----|--------|--------------|---|----|----|------------------|
| S19 | 230451 | brightness | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 16:06 |
| S20 | 569 | S19 and S18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 16:42 |
| S21 | 1346 | S19 same S15 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 16:42 |
| S22 | 133 | S21 and S18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 16:42 |
| S23 | 436 | S20 not S22 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 16:42 |
| S24 | 611389 | dielectric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:15 |
| S25 | 24148 | S24 same S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:16 |
| S26 | 3065 | S25 and S15 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:16 |
| S27 | 2542 | S26 and S17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:16 |

EAST Search History

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|-----|--------|-------------------|---|----|----|------------------|
| S28 | 768 | S27 and S19 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:19 |
| S29 | 57 | S24 near isotropy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:20 |
| S30 | 49 | S13 and S29 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:20 |
| S31 | 11 | "4522470" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:34 |
| S32 | 611389 | dielectric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:34 |
| S33 | 6 | S31 and S32 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:34 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|----------------------------|---|------------------|---------|------------------|
| L1 | 12055 | dielectric near anisotropy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L2 | 9 | "6423385" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L3 | 1 | "5048933".PN. | USPAT; USOCR | OR | ON | 2007/04/05 19:40 |
| L4 | 129207 | response near time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L5 | 15709 | brightness near level | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L6 | 108 | L4 same L5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L7 | 6 | L1 and L6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L8 | 230451 | brightness | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L9 | 1346 | L4 same L8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L10 | 149 | L1 and L9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |

EAST Search History

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|-----|-------|-----------------|---|----|----|------------------|
| L11 | 32018 | birefringence | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L12 | 1120 | L1 same L11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L13 | 20 | L10 and L12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L14 | 18255 | gray near level | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L15 | 88 | L1 same L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L16 | 379 | L1 and L14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L17 | 144 | L16 and L11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L18 | 19 | "5048933" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L19 | 18 | "5691782" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |

EAST Search History

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|-----|--------|----------------------------|---|----|----|------------------|
| L20 | 14 | "6191837" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L21 | 14 | "1033606" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L22 | 9 | "3930719" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L23 | 12055 | dielectric near anisotropy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L24 | 1 | L22 and L23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L25 | 12055 | dielectric near anisotropy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L26 | 129207 | response near time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L27 | 15709 | brightness near level | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L28 | 108 | L26 same L27 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |

EAST Search History

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|-----|--------|-----------------|---|----|----|------------------|
| L29 | 230451 | brightness | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L30 | 1346 | L26 same L29 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L31 | 32018 | birefringence | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L32 | 1120 | L23 same L31 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L33 | 18255 | gray near level | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L34 | 88 | L23 same L33 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L35 | 379 | L23 and L33 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L36 | 1 | "5048933".PN. | USPAT; USOCR | OR | ON | 2007/04/05 19:40 |
| L37 | 9 | "6423385" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L38 | 6 | L23 and L28 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |

EAST Search History

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|-----|------|-------------------|---|----|----|------------------|
| L39 | 149 | L23 and L30 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L40 | 20 | L39 and L32 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L41 | 19 | "5048933" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L42 | 18 | "5691782" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L43 | 14 | "6191837" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L44 | 144 | L35 and L31 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L45 | 2219 | L25 and L26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L46 | 94 | L25 and L27 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L47 | 4895 | negative same L25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |

EAST Search History

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|-----|------|---------------------------------------|---|----|----|------------------|
| L48 | 1082 | L47 and L26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L49 | 125 | L47 same L26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L50 | 64 | L49 and L31 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L51 | 3106 | L31 near low | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L52 | 11 | L50 and L51 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L53 | 1 | 10/772299 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L54 | 429 | isotropic near liquid near crystal\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L55 | 419 | low near optical near anisotropy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L56 | 108 | low near dielectric near anisotropy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |

EAST Search History

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|-----|---------|--------------------------|---|----|----|------------------|
| L57 | 13 | L54 and L56 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L58 | 13 | L56 and L55 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L59 | 13 | "5382379" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L60 | 8696231 | time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L61 | 14 | L56 same L60 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L62 | 1 | 10/772299 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L63 | 3 | 10/465939 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L64 | 1 | 10/902828 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L65 | 57 | dielectric near isotropy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |

EAST Search History

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|-----|--------|--|---|----|----|------------------|
| L66 | 4104 | negative near dielectric near anisotropy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L67 | 129207 | response near time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L68 | 101 | L66 same L67 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L69 | 4104 | negative near dielectric near anisotropy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L70 | 129207 | response near time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L71 | 101 | L69 same L70 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L72 | 588352 | ips or (parallel same electric same field) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L73 | 55 | L71 and L72 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L74 | 49821 | common near electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |

EAST Search History

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|-----|-------|---------------------------------|---|----|----|------------------|
| L75 | 11545 | scanning near electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L76 | 9723 | data near electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L77 | 193 | L74 same L75 same L76 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L78 | 46288 | pixel near electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L79 | 19 | L77 same L78 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L80 | 12573 | L74 same L78 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L81 | 9300 | L80 same substrate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L82 | 11 | L81 same L75 same L76 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L83 | 170 | common near data near electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |

EAST Search History

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|-----|-------|---|---|----|----|------------------|
| L84 | 13 | L78 same L83 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L85 | 49821 | common near electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L86 | 46288 | pixel near electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L87 | 12573 | L85 same L86 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L88 | 8890 | L85 same transparent | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L89 | 1868 | L85 near transparent | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L90 | 1147 | L89 and L87 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L91 | 864 | L89 same L87 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L92 | 27 | stretched same (linearly near polarizing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |

EAST Search History

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|------|---------|-------------------------------------|---|----|----|------------------|
| L93 | 9 | "6222602" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L94 | 4 | "6265034" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L95 | 18255 | gray near level | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L96 | 12055 | dielectric near anisotropy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L97 | 379 | L96 and L95 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L98 | 32018 | birefringence | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L99 | 144 | L97 and L98 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L100 | 108 | low near dielectric near anisotropy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L101 | 8696231 | time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |

EAST Search History

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|------|--------|--|---|----|----|------------------|
| L102 | 14 | L100 same L101 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L103 | 88 | L96 same L95 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L104 | 129207 | response near time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L105 | 4104 | negative near dielectric near anisotropy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L106 | 101 | L105 same L104 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L107 | 49821 | common near electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L108 | 11545 | scanning near electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L109 | 9723 | data near electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L110 | 193 | L107 same L108 same L109 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |

EAST Search History

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|------|--------|---------------------------------|---|----|----|------------------|
| L111 | 46288 | pixel near electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L112 | 19 | L110 same L111 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L113 | 170 | common near data near electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L114 | 13 | L111 same L113 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L115 | 129207 | response near time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L116 | 230451 | brightness | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L117 | 1346 | L115 same L116 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L118 | 149 | L96 and L117 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L119 | 129207 | response near time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |

EAST Search History

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|------|--------|----------------------------|---|----|----|------------------|
| L120 | 19 | "5048933" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L121 | 57 | dielectric near isotropy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L122 | 9 | "6423385" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L123 | 9 | "3930719" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L124 | 14 | "1033606" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L125 | 12055 | dielectric near anisotropy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L126 | 129207 | response near time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L127 | 4895 | negative same L125 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L128 | 125 | L127 same L126 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |

EAST Search History

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|------|-------|----------------------------|---|----|----|------------------|
| L129 | 32018 | birefringence | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L130 | 3106 | L129 near low | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L131 | 64 | L128 and L129 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L132 | 11 | L131 and L130 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L133 | 15709 | brightness near level | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L134 | 94 | L125 and L133 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L135 | 12055 | dielectric near anisotropy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L136 | 1 | L123 and L135 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L137 | 1120 | L96 same L98 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |

EAST Search History

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|------|------|--|---|----|----|------------------|
| L138 | 9 | "6222602" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L139 | 108 | L126 same L133 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L140 | 6 | L135 and L139 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L141 | 14 | "6191837" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L142 | 14 | "6191837" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L143 | 4104 | negative near dielectric near anisotropy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L144 | 101 | L143 same L119 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L145 | 18 | "5691782" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L146 | 20 | L118 and L137 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |

EAST Search History

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|------|--------|----------------|---|----|----|------------------|
| L147 | 19 | "5048933" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L148 | 230451 | brightness | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L149 | 1346 | L126 same L148 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L150 | 149 | L135 and L149 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L151 | 1120 | L135 same L129 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L152 | 20 | L150 and L151 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L153 | 18 | "5691782" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L154 | 1 | 10/772299 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L155 | 1 | 10/772299 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |

EAST Search History

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|------|-------|-----------------------|---|----|----|------------------|
| L156 | 9 | "6423385" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L157 | 3 | 10/465939 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L158 | 15709 | brightness near level | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L159 | 108 | L115 same L158 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L160 | 6 | L96 and L159 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L161 | 1 | 10/902828 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L162 | 46288 | pixel near electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L163 | 1 | "5048933".PN. | USPAT; USOCR | OR | ON | 2007/04/05 19:40 |
| L164 | 1 | "5048933".PN. | USPAT; USOCR | OR | ON | 2007/04/05 19:40 |
| L165 | 4 | "6265034" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L166 | 49821 | common near electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |

EAST Search History

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|------|--------|--|---|----|----|------------------|
| L167 | 12573 | L166 same L162 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L168 | 1868 | L166 near transparent | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L169 | 1147 | L168 and L167 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L170 | 8890 | L166 same transparent | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L171 | 13 | "5382379" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L172 | 588352 | ips or (parallel same electric same field) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L173 | 55 | L106 and L172 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L174 | 12573 | L107 same L111 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L175 | 9300 | L174 same substrate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |

EAST Search History

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|------|-------|---------------------------------------|---|----|----|------------------|
| L176 | 1082 | L127 and L126 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L177 | 2219 | L125 and L126 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L178 | 11 | L175 same L108 same L109 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L179 | 419 | low near optical near anisotropy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L180 | 13 | L100 and L179 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L181 | 18255 | gray near level | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L182 | 429 | isotropic near liquid near crystal\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L183 | 379 | L135 and L181 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L184 | 88 | L135 same L181 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |

EAST Search History

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|------|--------|---|---|----|----|------------------|
| L185 | 144 | L183 and L129 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L186 | 864 | L168 same L167 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L187 | 27 | stretched same (linearly near polarizing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L188 | 13 | L182 and L100 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L189 | 1 | 10/772299 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:40 |
| L190 | 9 | "6222602" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:56 |
| L191 | 611389 | dielectric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:56 |
| L192 | 7 | 190 and 191 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:59 |
| L193 | 4 | "6265034" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 19:59 |

EAST Search History

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|------|---|-------------|---|----|----|------------------|
| L194 | 1 | 191 and 193 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 20:01 |
| L197 | 2 | "6836305" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 20:02 |
| L198 | 1 | 191 and 193 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 20:02 |
| L199 | 7 | "6236441" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 20:03 |
| L201 | 4 | 191 and 199 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 20:06 |
| L202 | 4 | "6667077" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 20:07 |
| L203 | 3 | 191 and 202 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 20:08 |
| L204 | 9 | "6423385" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 20:08 |
| L205 | 6 | 191 and 204 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 20:08 |

EAST Search History

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|------|---|-------------|---|----|----|------------------|
| L206 | 4 | "7046325" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 20:09 |
| L207 | 1 | 191 and 206 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 20:09 |
| L208 | 4 | "7079212" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 20:09 |
| L209 | 1 | 191 and 208 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 20:10 |
| L210 | 5 | "7095470" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 20:10 |
| L211 | 1 | 191 and 210 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 20:10 |
| L212 | 4 | "7088414" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 20:10 |
| L213 | 1 | 191 and 212 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 20:11 |
| L214 | 4 | "7158202" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 20:11 |

EAST Search History

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|------|---|-------------|---|----|----|------------------|
| L215 | 1 | 214 and 191 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 20:11 |
| L216 | 6 | "7046324" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 20:11 |
| L217 | 3 | 216 and 191 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 20:12 |
| L218 | 3 | "7164402" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 20:12 |
| L219 | 2 | 218 and 191 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/05 20:12 |